

TASK 8: Gila Bend AFAF Noise Study:

- 8.1 Parsons will collect aircraft operations and aircraft maintenance data to document the existing operations. The data will be used to develop the noise contours. The data will be collected during a data-gathering visit. Parsons will interview representatives from each flying organization, from aircraft maintenance, and air traffic control personnel. The base point of contact (POC) will arrange the interview times for each base and civil flying unit, aircraft maintenance, and air traffic control function. The contractor will record the data in data collection worksheets in the AFH 32-7084, AICUZ Program Manager's Guide. Parsons will then submit the data package (which includes a noise contour figure, individual arrival, departure, and closed pattern flight track figures, tables reflecting the operations on the various flight tracks, and the noise files) to the base for review. The Air force will provide detailed comments for use in finalizing the noise contours. Parsons will incorporate any changes made to the data at that time.

It is anticipated three separate scenarios will be modeled. One scenario will reflect the F-16 as the primary aircraft. The second scenario will reflect F-18s replacing the F-16s. The third scenario will reflect the F-35 (Joint Strike Fighter) as the primary aircraft, assuming that the data necessary to model noise contours for the F-35 is available prior to completion of the JLUS Draft Report. Other fixed wing and helicopter operations will be included in each of the scenarios.

- 8.2 Parsons will prepare and submit figures that depict the final noise contours for each scenario on a background map that has urban areas, streets/roads, and other appropriate features. The noise files used to develop the noise contours will be submitted with the final noise contour figures.

TASK 8: Deliverables:

- Draft Noise Contours
- Final Noise Contour Figures
- Noise Files

NOTE: It is estimated that the Draft Noise Contours will be completed within 4 weeks from the start of work on this Task.